

## Abstract

A portable data converting and processing device with standard data interface, wherein the data processor is a connector-controller, a conversion-controller with functional processing or an integrative or separate combination of them.

- 5 The connector and the data processor are integrated to form the body unit, and an electric interface for an external unit is set in said body unit. The present invention comprises three modules: a standard interface, a processor and an optional external unit, which can construct communication between storage devices and PC. The processor can obtain the ability to access data from various
- 10 cards. The present invention can ensure the controlling and transmitting of data, and the external unit, such as converting processor, infrared receiver, RF module or identification module, or the storage devices are the fittings of peripheries. The external unit can be assembled or disassembled conveniently, thus they can be produced and assembled industrially and can be changed and
- 15 upgraded in using easily.